

ABSTRACT OF THE DISCLOSURE



A turbocharger for an internal combustion engine has a bearing with excellent abrasion resistance without generating a black corrosion product in a high-temperature oil environment. As the bearing materials, a copper alloy material containing, as the main components, Cu, Zn, Al, Mn, and Si is employed. The elongating direction of an Mn-Si compound crystallized in the alloy material is set to the axial direction of a rotary shaft with respect to a radial bearing and is set to the direction perpendicular to the rotary shaft with respect to a thrust bearing.